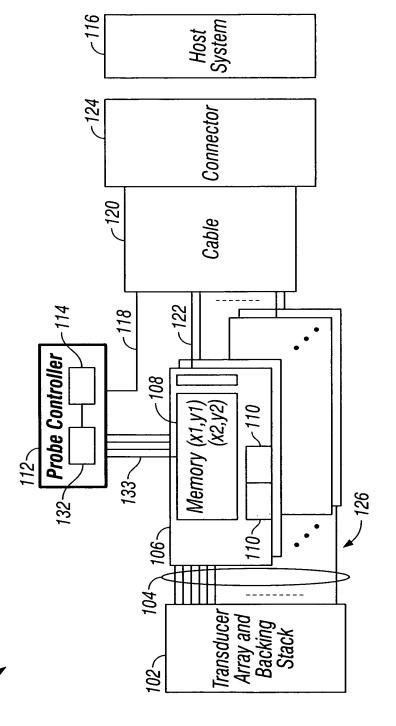


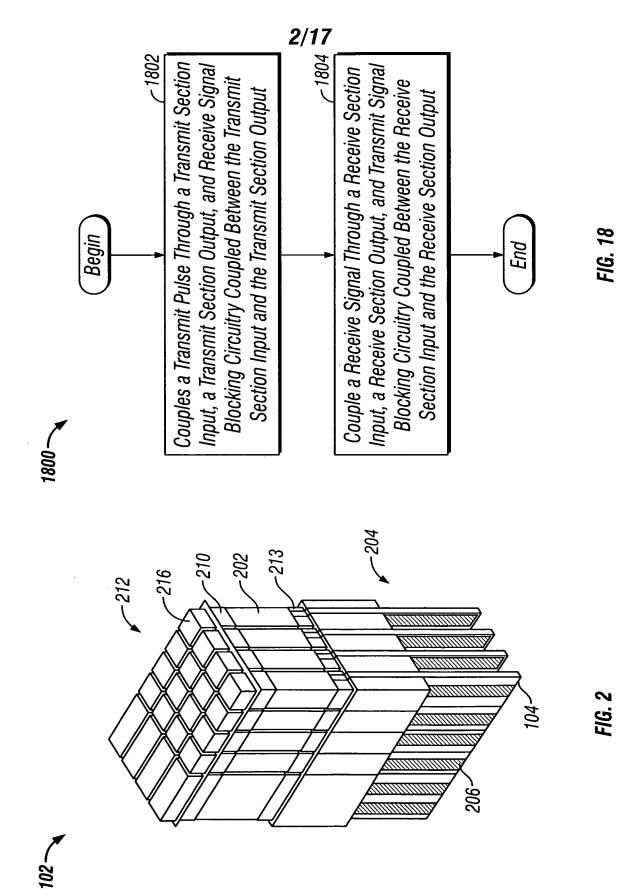
TITLE: Ultrasound Probe Transceiver Circuitry
INVENTORS: Kjell Kristoffersen, Geir Ultveit Haugen and Per Arne Linnerud

S.N: 10/719,431 DOCKET: 137682 (12553-01053)
ATTORNEY: Dean Small PHONE: (314) 621-5070
REPLACEMENT SHEET

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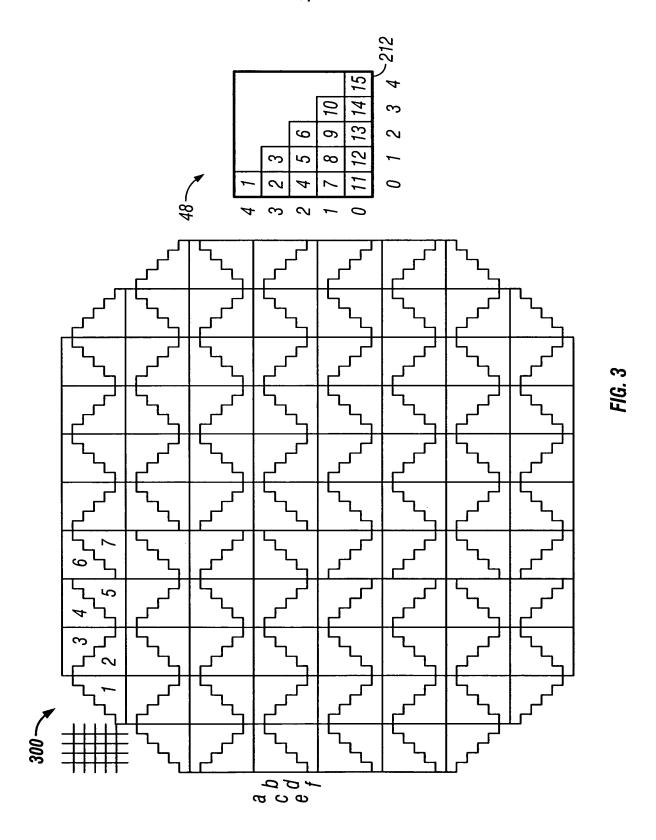


F/G. 1

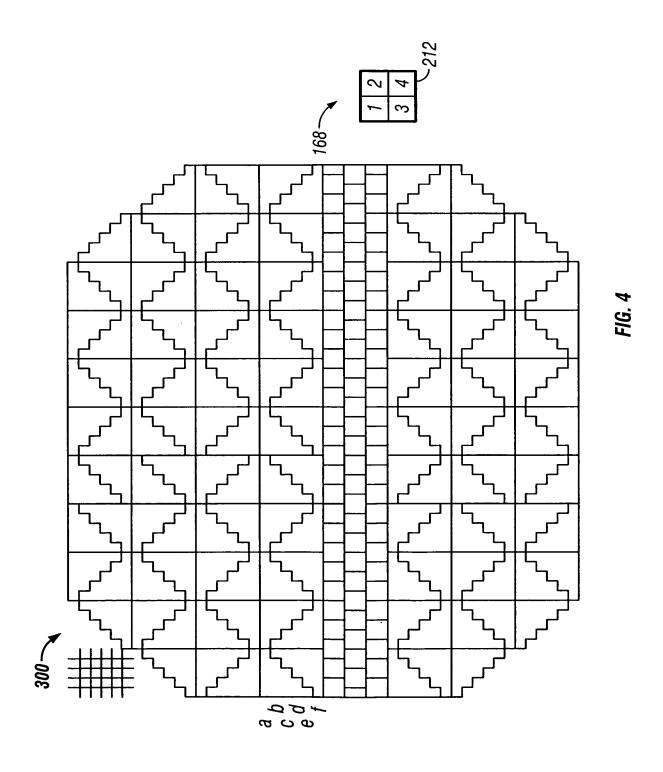


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TITLE: Ultrasound Probe Transceiver Circuitry
INVENTORS: Kjell Kristoffersen, Geir Ultveit Haugen and Per Arne Linnerud

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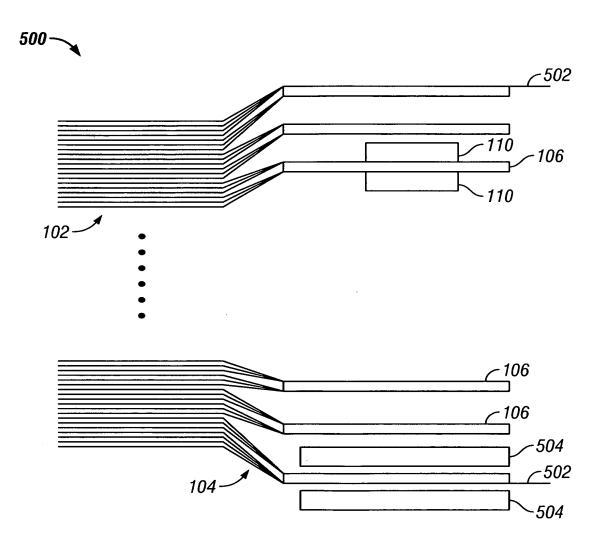


FIG. 5

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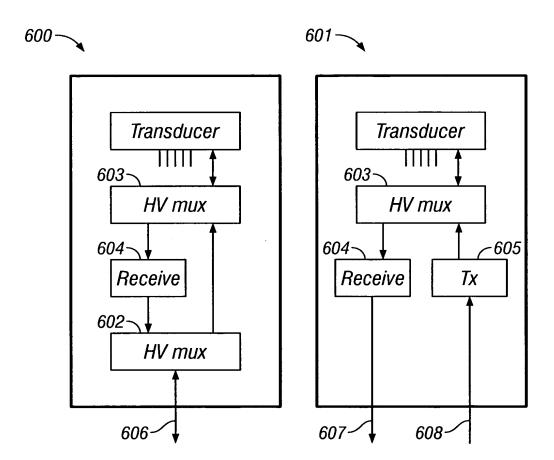
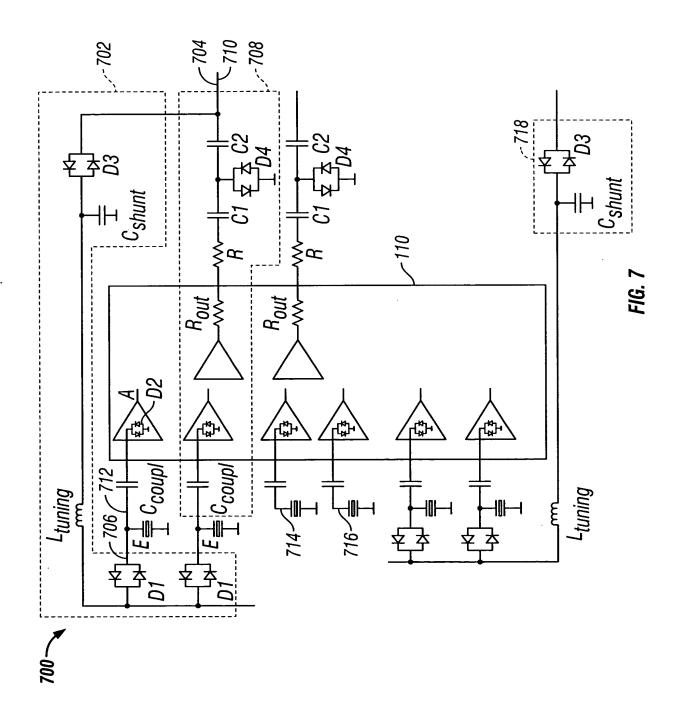


FIG. 6

TITLE: Ultrasound Probe Transceiver Circuitry
INVENTORS: Kjell Kristoffersen, Geir Ultveit Haugen and Per Arne Linnerud
S/N: 10/719,431 DOCKET: 137682 (12553-01053)
ATTORNEY: Dean Small PHONE: (314) 621-5070



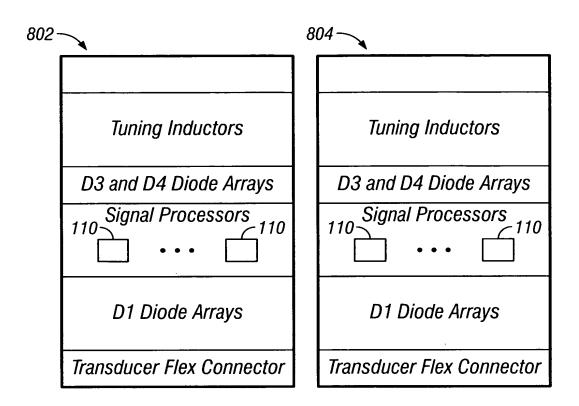


FIG. 8

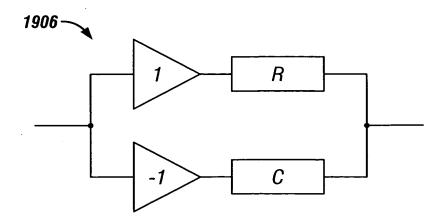


FIG. 11

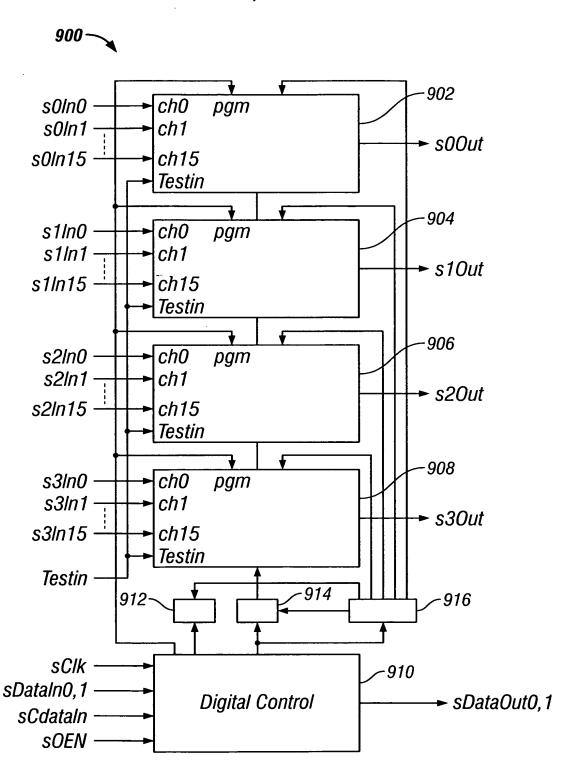
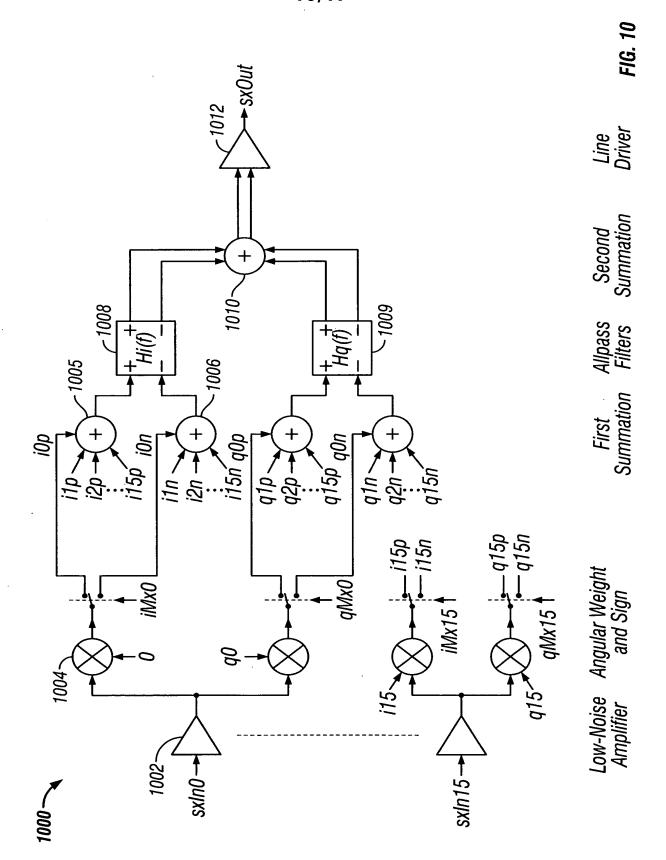


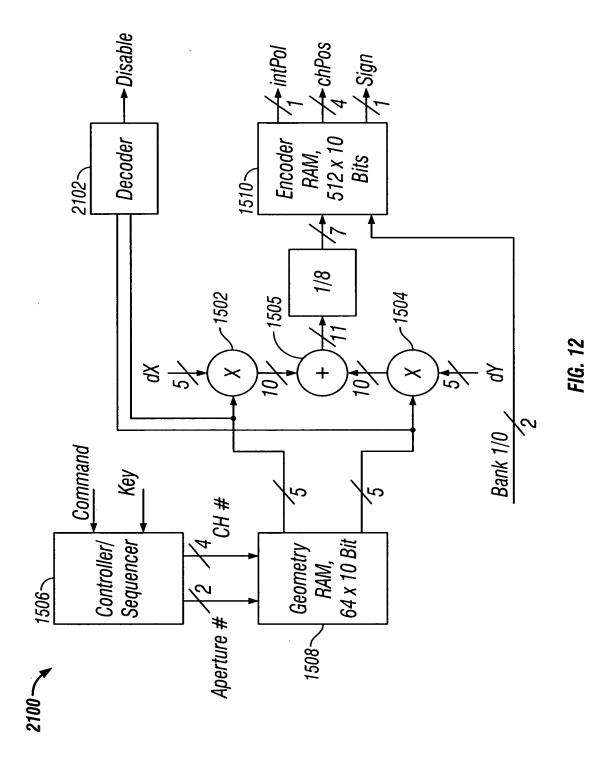
FIG. 9

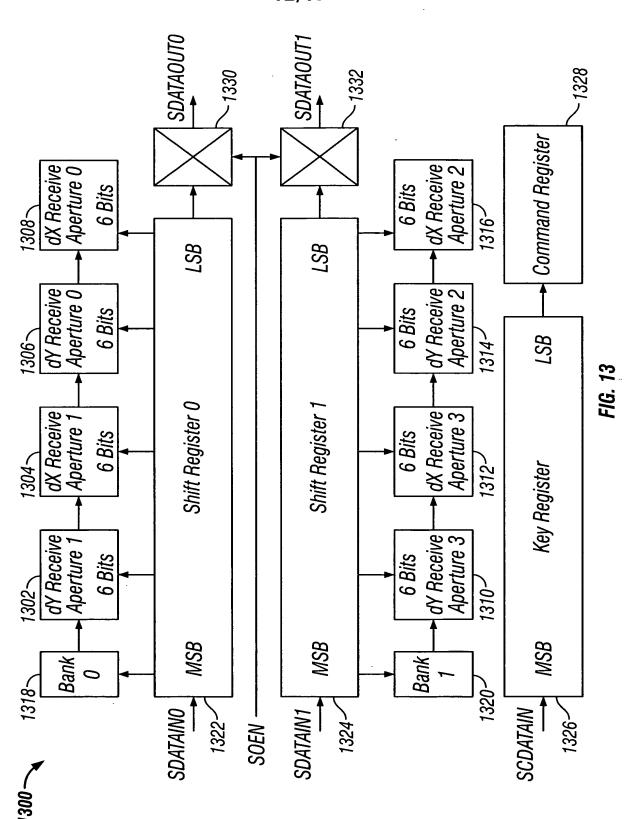
ATTORNEY: Dean Small PHONE: (314) 621-5070



#### TITLE: Ultrasound Probe Transceiver Circuitry

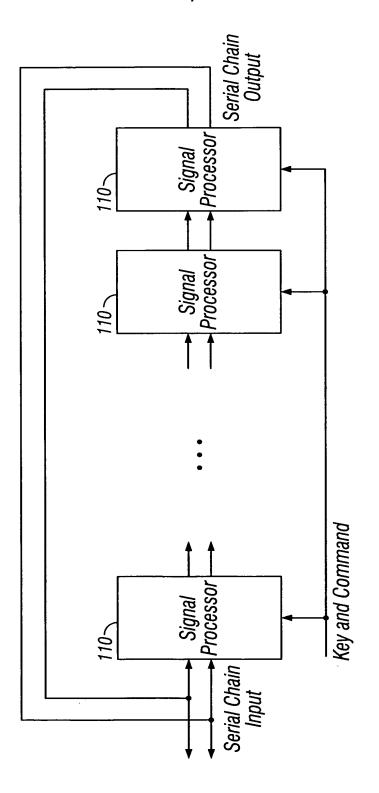
INVENTORS: Kjell Kristoffersen, Geir Ultveit Haugen and Per Arne Linnerud S/N: 10/719,431 DOCKET: 137682 (12553-01053)
ATTORNEY: Dean Small PHONE: (314) 621-5070

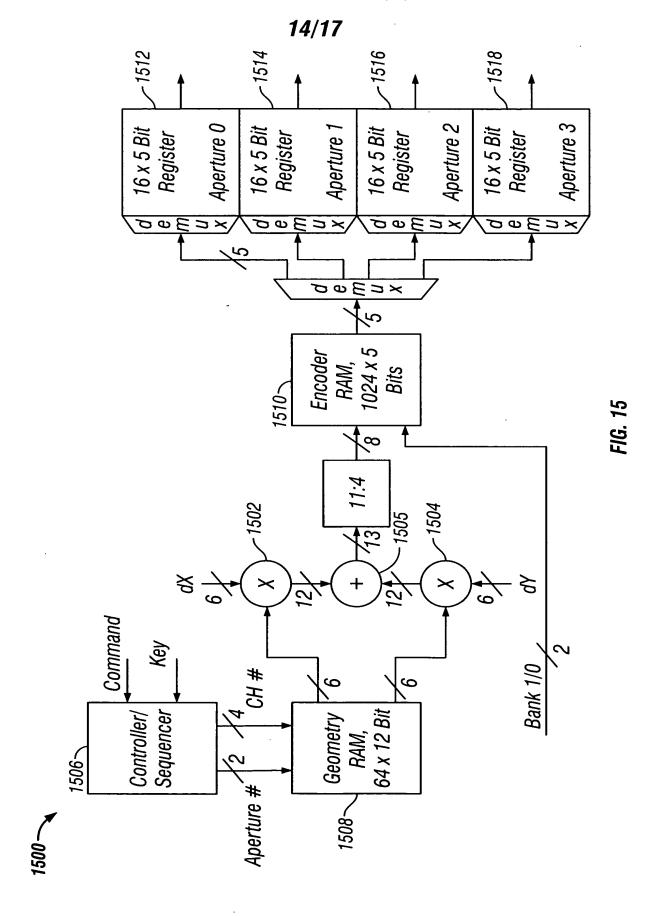




INVENTORS: Kjell Kristoffersen, Geir Ultveit Haugen and Per Ame Linnerud S/N: 10/719,431 DOCKET: 137682 (12553-01053)
ATTORNEY: Dean Small PHONE: (314) 621-5070

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TITLE: Ultrasound Probe Transceiver Circuitry
INVENTORS: Kjell Kristoffersen, Geir Ultveit Haugen and Per Ame Linnerud
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1600 Begin -1602 Receive, at Signal Processors Distributed Over Processing Boards, Multiple Receive Signals from Acoustic Transducer Elements that Form Triangular Receive Apertures that are Not Partitioned Between Processing Boards -1604 Multiplex at Least One of the Acoustic Transducer Elements Between the Receive Aperture and a Square Transmit Aperture -1606 Drive a Receive Aperture Output with a Signal Obtained Over the Acoustic Transducer Elements in the Receive Aperture -1608 Couple Transmit Signals to Multiple Transmit Apertures Over Transmit Signal Connections Distributed Between Multiple Processing Boards that Do Not Partition the Transmit Apertures Between Processing Boards End

FIG. 16

### TITLE: Ultrasound Probe Transceiver Circuitry INVENTORS: Kjell Kristoffersen, Geir Ultveit Haugen and Per Ame Linnerud

S/N: 10/719,431 DOCKET: 137682 (12553-01053) ATTORNEY: Dean Small PHONE: (314) 621-5070

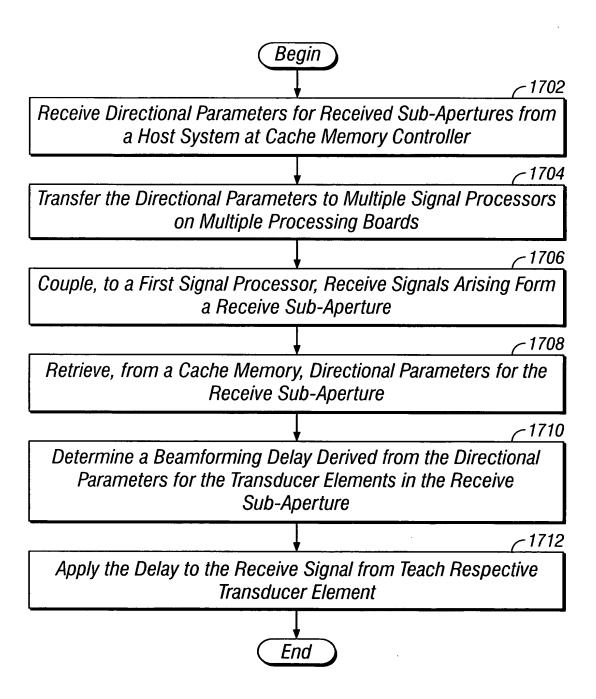


FIG. 17

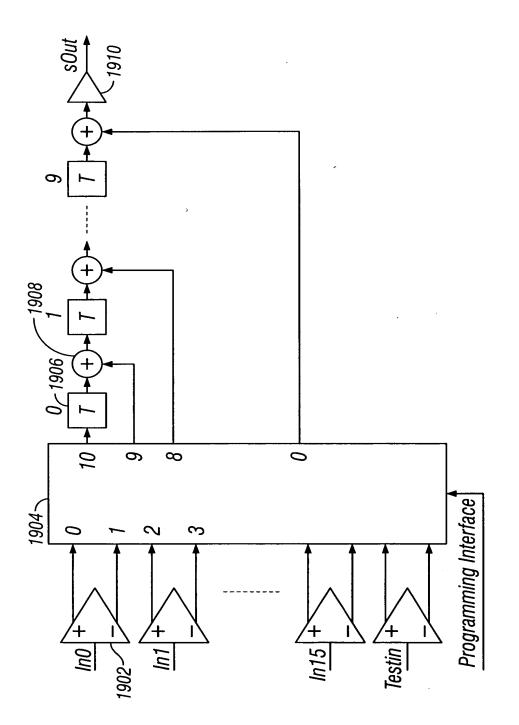


FIG. 19